

ATTACHMENT 6

Schedules

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Project Schedules – Gantt Charts

6 Attachment 6 – Schedules

6.1 Project Schedules

Detailed project schedules (Gantt Charts) have been included at the end of this attachment. The tasks shown in each project matches tasks listed in the Work Plan and the Budget attachments. Based on Provost & Pritchard's assessment of the scope of work for each project, all four projects should be ready to begin implementation and/or construction by April 1, 2015. For each of the project schedules following this figure, the following items should be noted:

- Days shown on the Gantt charts are working days.
- Project monitoring and annual Project Performance Reports are not shown to allow for better clarity of the immediate timeline.
- The Project Completion Reports are shown as involving one month of time. DWR review times may be longer and will be accounted for by the applicants and any comments will be addressed in an expedited manner.
- All applicants are accounting for the development of financing to provide for their individual cost shares and required cash flow in their annual budgets for FY 2015.
- None of the projects are expected to involve a lengthy process for easement acquisition.
- Schedules have been produced with buffer allowances to ensure that the project stays on track for meeting deadlines.

6.1.1 BVWSD Brackish Groundwater Remediation Project

Category (a) - Direct Project Administration

Project administration occurs throughout the entire project from grant contract completion to final report documentation. The labor compliance task will be initiated after grant award but prior to construction to ensure the Department of Industrial Relations approves the Labor Compliance Program. Initial grant Milestones such as the required quarterly reports will provide feedback to DWR regarding the project's progress. We have assumed that the contract with DWR will be finalized 4 months after the Grant Award.

Category (b) - Land Purchase / Easement

As shown on the schedule, the District is currently in the process of identifying easements and surveying the Northern Area Pipeline system which runs parallel to the proposed collector pipeline and wells (which will be included in these easements). This process is expected to take at a maximum 3.5 months as the landowners are supportive of the projects.

Category (c) - Planning / Design / Engineering / Environmental Documentation

As mentioned, the Survey and Utility Investigation task is currently underway and should be completed by the end of August. The District will proceed with the subsequent design phases after a project award. The Well Design and Project Design tasks are expected to be complete by January 2015. The Electrical Design & PG&E Coordination will begin at the same time but will continue through construction to ensure that PG&E has services ready for powering the wells before construction is complete. About one month towards the end of design, permitting will be initiated to have it completed prior to starting the bid process. One exception is well permitting through the County of Kern, which will be concurrent with the construction of the wells.

Category (d) - Construction / Implementation

The Construction Bid Process will begin in February. The bid will be awarded on March 18, 2015 at the District's regularly scheduled Board of Directors meeting. Construction will begin in April and go for approximately 4 months (well and pipeline construction timelines based on Contractors input). Concurrent with Construction Task is SWPPP/DCP monitoring and reporting in accordance with SWRCB/SJVAPCD requirements, as well as Construction Administration Tasks. The Project is expected to be completed and closed out by early August. Schedule contingencies have been included in the chart to allow for delays.

6.1.2 ID4 CVC Extension Lining Project (Phase 1-Pool 7)

Category (a) - Direct Project Administration

Project administration occurs throughout the entire project from grant contract completion to final report documentation. The labor compliance task will be initiated after grant award but prior to construction to ensure that the Department of Industrial Relations approves the Labor Compliance Program. Initial grant milestones such as the required quarterly reports will provide feedback to DWR regarding the project's progress.

Category (b) - Land Purchase / Easement

ID4 has begun its investigation into potential properties to utilize for temporary construction easements for the purpose of stockpiling materials and equipment. Negotiations with property owners will be started in August 2014. No delays are expected as multiple properties can be considered including property owned by the City of Bakersfield.

Category (c) - Planning / Design / Engineering / Environmental Documentation

The initial Feasibility Study began in July and will be concluded by early August. Topographic and boundary surveys will be conducted in August with Project Design initiating thereafter. Approximately 5 months have been allocated to Design to ensure enough time for multiple design reviews. The Geotechnical Investigation will be concurrent with design and recommendations will be incorporated into the PS&E. Adequate time has also been allowed for Environmental Documentation with a total of 5.5 months to prepare the document and conduct proper public noticing. About one month towards the end of design, permitting (SWPPP/DCP/ISR preparation) will be initiated to have it completed prior to starting the bid process.

Category (d) - Construction / Implementation

The Construction Bid Process will begin in early February allowing enough time to solicit bids from contractors. The bid will be awarded on March 26, 2015 at the District's regularly scheduled Board of Directors meeting. Construction will begin in April and go for approximately 8 months (per local contractor's estimated construction timeline). Concurrent with Construction Task is SWPPP/DCP monitoring and reporting in accordance with SWRCB/SJVAPCD requirements, as well as Construction Administration Tasks. The Project is expected to be completed and closed out by December 2015. Schedule contingencies have been included in the schedule to allow for delays.

6.1.3 AEWS D In-Lieu Program

AEWS D and Provost & Pritchard have completed many successful grant funded projects like this within schedules they have mutually developed. Tasks conducted for all of the projects that are part of the In-lieu Program are shown in blue, Tasks for the Sycamore In-lieu Project are shown in orange, and Tasks for the North In-lieu Project and North Canal Pump Back Project are shown in green.

Tasks are scheduled concurrently at times in order to complete the Program in a timely manner. The Program will have two separate construction contracts: the Sycamore In Lieu Project and the North Canal In Lieu Project & North Canal Pump Back Project. This is because AEWSO will need to do accounting of the Sycamore In-lieu Project costs separately from the other projects.

Category (a) - Direct Project Administration

Project administration occurs throughout the entire project from grant contract completion to final report documentation. Milestones such as the required quarterly reports will provide feedback to DWR regarding the project's progress.

Category (b) - Land Purchase / Easement

Obtaining right of way easements from in-lieu project landowners (which will be a condition of the District's provision of surface water and PWRPA power to landowner pumps) is anticipated to take approximately 3 three months (based on past experience on other projects of similar size). Negotiations with the Sycamore In-lieu Project landowner were initiated in June 2014.

Work related to provision of PWRPA power and installing power and water meters has been provided a long lead time to ensure ample time for agreements to be in place and so the projects are ready to operate when construction is completed.

Category (c) - Planning / Design / Engineering / Environmental Documentation

Although the grant contract is anticipated to be executed in mid-October, to provide adequate time to prepare the necessary documents and perform surveys, environmental work for the Sycamore In-lieu Project began at the end of June 2014. Environmental work for the other two projects is planned to begin upon grant contract execution. Four months has been allotted for this category with a finish date of the first week of February.

Required permitting for the In-lieu Program is minimal and permitting issues are anticipated to be routine. Six months have been allotted for the preparation, submittal and receipt of the SWPPP, DCP, ISR, and road crossing permits.

Power planning which includes analysis that will be incorporated into the project design occurs concurrently with the environmental documentation activities. Immediately following this task, which has been allotted 4 months, the final design of the project will commence. Final design is anticipated to be completed in January for the Sycamore In-Lieu project and in mid-June for the North Canal In-Lieu Project & North Canal Pump Back Project.

Category (d) - Construction / Implementation

Construction contracting for the Sycamore In-Lieu Project is scheduled at the end of March 2015 and early September 2015 for the North Canal In-Lieu Project & North Canal Pump Back Project. Construction of the Sycamore In-lieu Project including performance testing and demobilization is scheduled for completion in June 2015 while the North Canal In-Lieu Project & North Canal Pump Back Project will be completed in December 2015. The final subtask, Project Closeout, is anticipated to be completed in December 2015.

6.1.4 Water Main Replacement and Meter Installation Project

Category (a) - Direct Project Administration

Project administration occurs throughout the entire project from grant contract completion to final report documentation. The labor compliance task will be initiated after grant award but prior to construction to ensure the Department of Industrial Relations approves the Labor Compliance Program. Initial grant

Milestones such as the required quarterly reports will provide feedback to DWR regarding the project's progress.

Category (b) - Land Purchase / Easement

No easements or land purchases are required for the Project.

Category (c) - Planning / Design / Engineering / Environmental Documentation

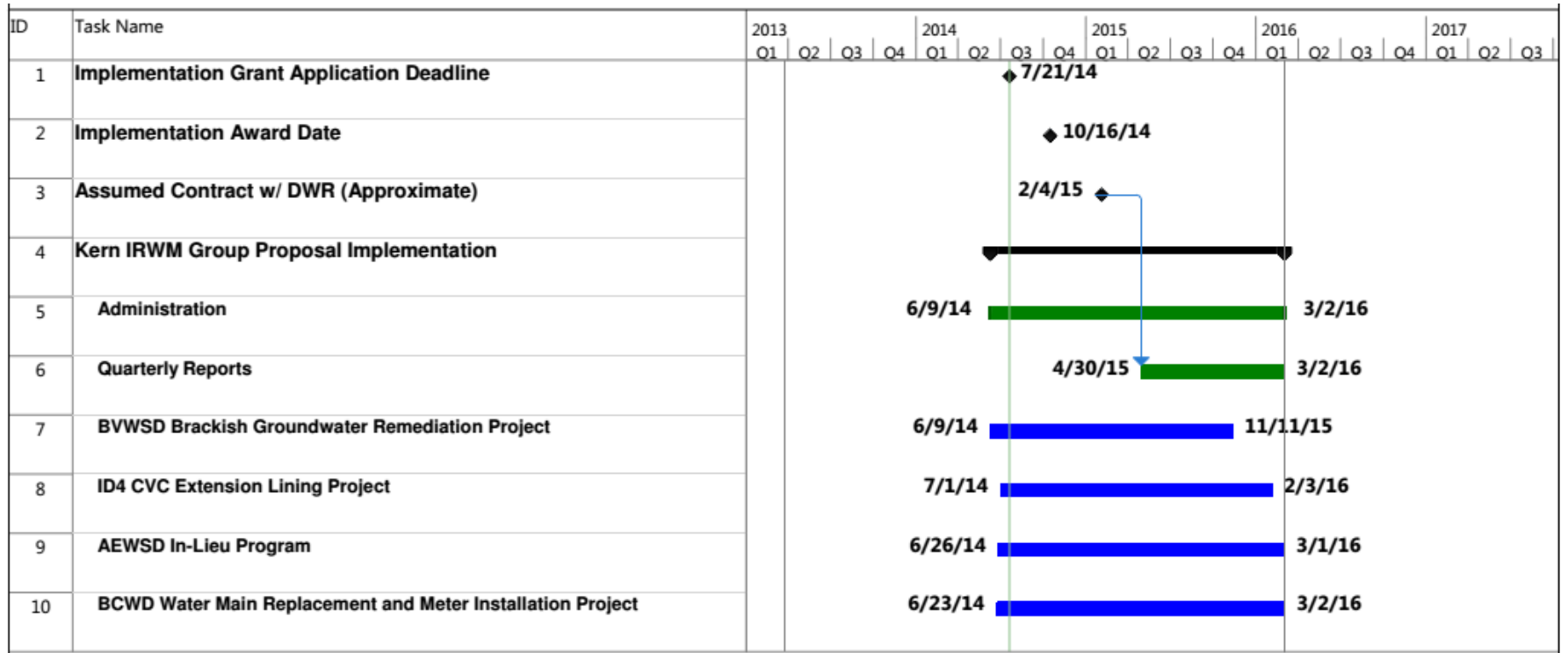
As the BCWD is a DAC, the District will initiate work on Category (c) tasks once notice of award (October 16th assumed) is issued to ensure that funding is available. The District will contract with an engineer to begin work with the Feasibility Study (completion of work initiated for Grant Application) and Survey & Utility Investigation. Once the basemap is created with the surveyed data, Project Design will proceed for approximately 3 months (completion by end of January 2014). In regards to environmental documentation, a Notice of Exemption will be prepared and filed with the County Clerk at the beginning of the project. About one month towards the end of design, permitting will be initiated to have it completed prior to starting the bid process.

Included in the Assessment and Evaluation Task is the preparation of a rate study, conducting outreach to the community regarding the project and expected rates, and then proceeding with a Prop. 218 majority protest election. This subtask will be conducted over 5 months to ensure the public is well aware of the proposed changes. It will coincide with construction to have the hearing tied closer to the completion of the project. A majority of the meters will be scheduled to be installed first to start collecting water use data to confirm rate study projections.

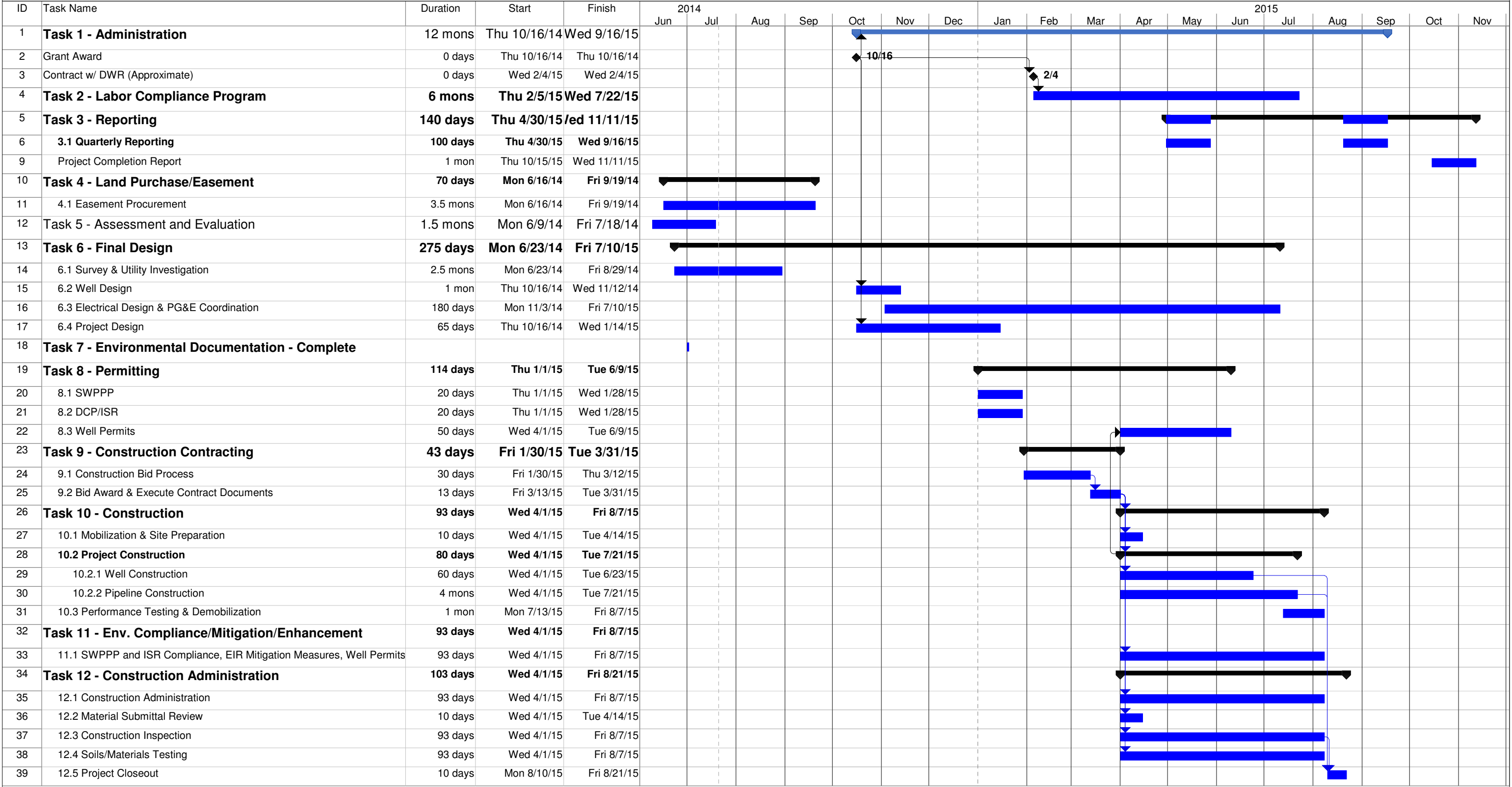
Category (d) - Construction / Implementation

The Construction Bid Process will begin in February 2015. The bid will be awarded at the March Board of Directors meeting. Construction will begin in April 2015 and go for approximately 8 months (meter installation in meter replacement areas will be given high priority for initial data collection). Concurrent with Construction Task is SWPPP/DCP monitoring and reporting in accordance with SWRCB/SJVAPCD requirements, as well as Construction Administration Tasks. The Project is expected to be completed and closed out by December 2015. Schedule contingencies have been included in the chart to allow for delays.

6.2 Proposal Schedule

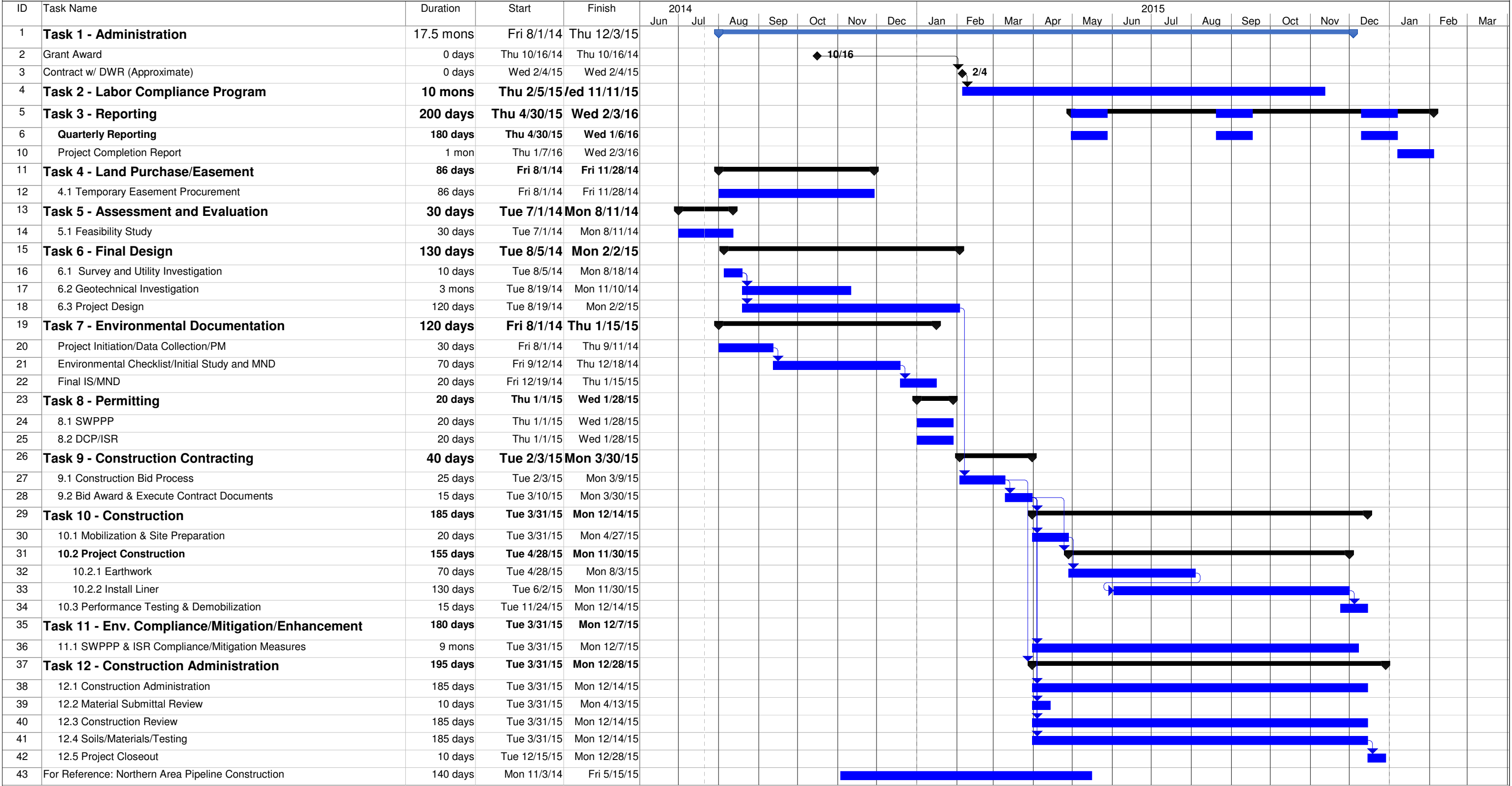


ATTACHMENT 6 - SCHEDULE
BVWSD Brackish Groundwater Recovery Project

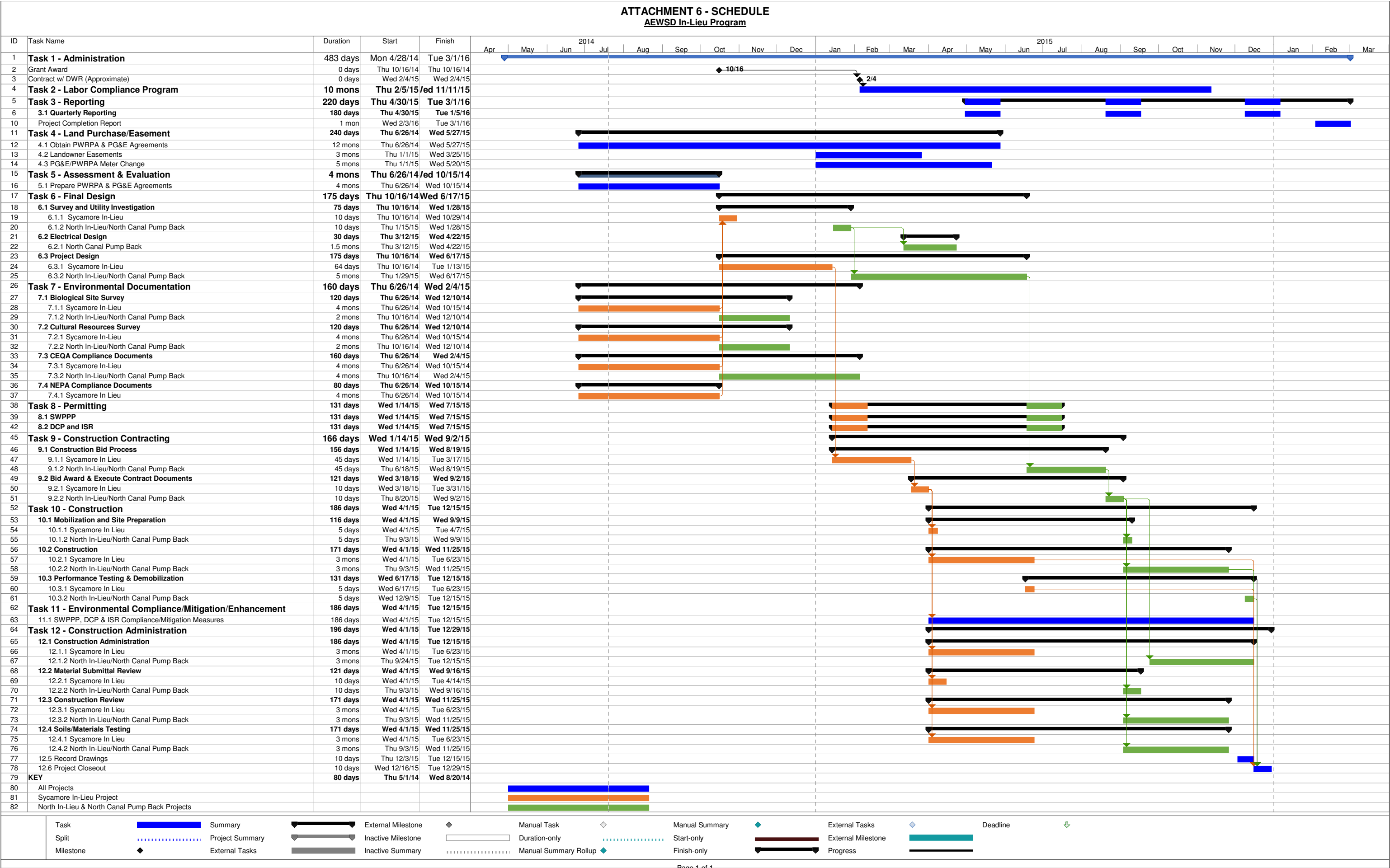


Task		Project Summary		Inactive Summary		Manual Summary		External Milestone	
Split		External Tasks		Manual Task		Start-only		Progress	
Milestone		External Milestone		Duration-only		Finish-only		Deadline	
Summary		Inactive Milestone		Manual Summary Rollup		External Tasks			

ATTACHMENT 6 - SCHEDULE
ID4 CVC Extension Lining Project (Phase 1 - Pool No. 7)

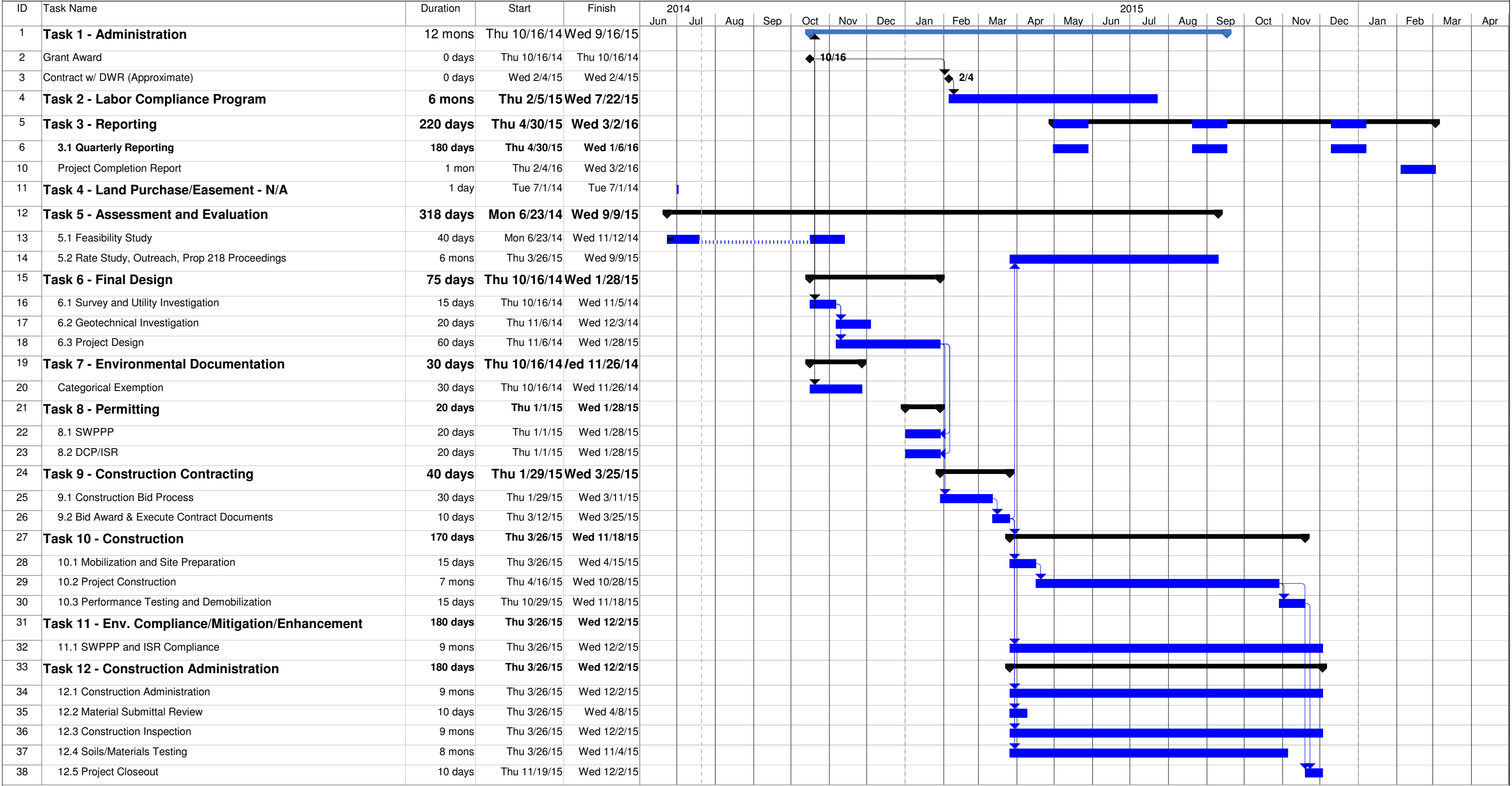


Task		Project Summary		Inactive Summary		Manual Summary		External Milestone	
Split		External Tasks		Manual Task		Start-only		Progress	
Milestone		External Milestone		Duration-only		Finish-only		Deadline	
Summary		Inactive Milestone		Manual Summary Rollup		External Tasks			



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ATTACHMENT 6 - SCHEDULE
BCWD Water Main Replacement and Meter Installation Project



Task		Project Summary		Inactive Summary		Manual Summary		External Milestone	
Split		External Tasks		Manual Task		Start-only		Progress	
Milestone		External Milestone		Duration-only		Finish-only		Deadline	
Summary		Inactive Milestone		Manual Summary Rollup		External Tasks			